



European
Commission

The European Commission Pilot Project

Digital Opportunity Scheme

Boosting digital skills on the job

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A concept paper on digitisation, employability and inclusiveness

the role of Europe

DG Communications Networks,
Content & Technology (CONNECT)

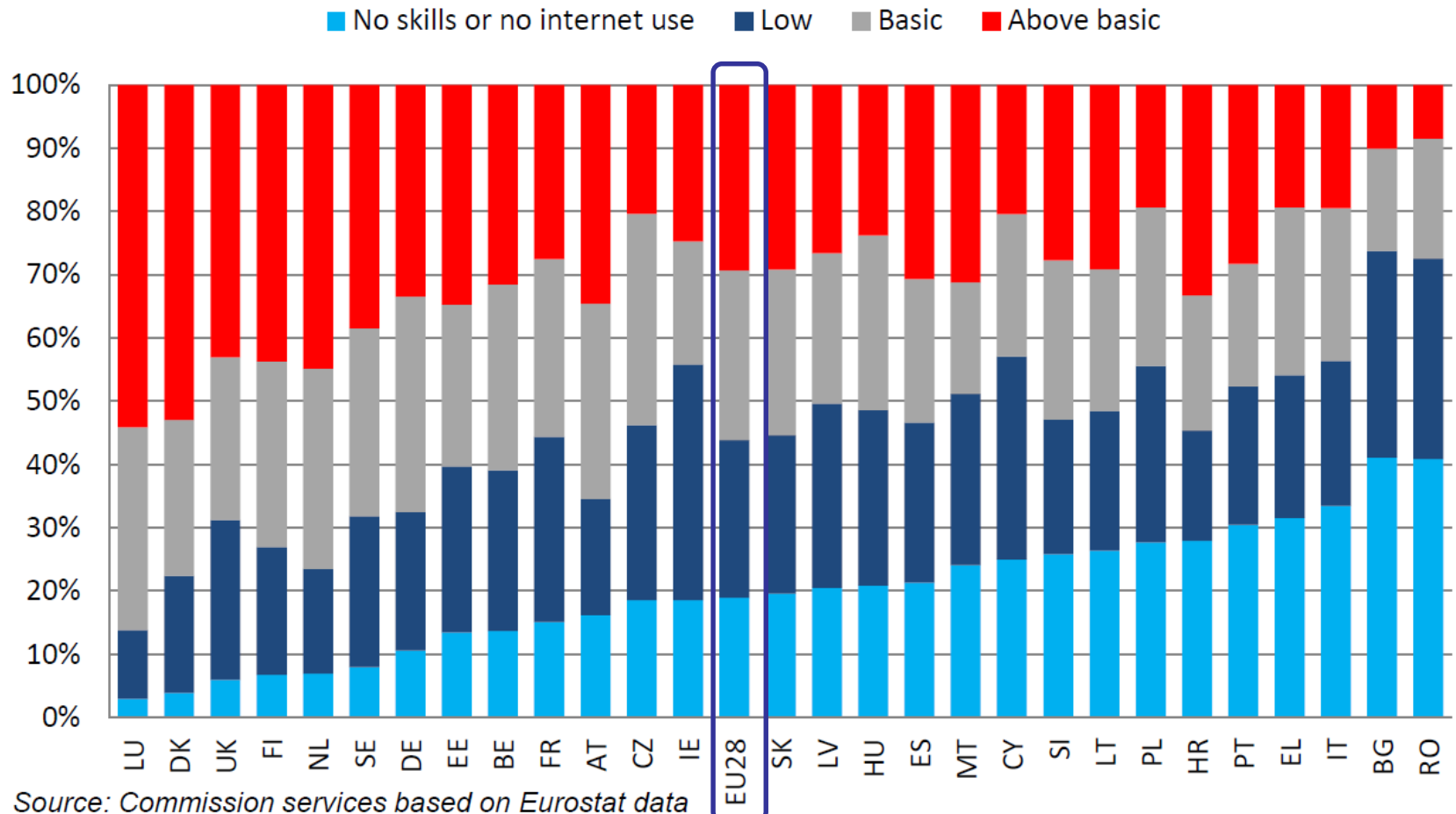
May 2017

Digital Single
Market

Digital skills of the EU population



Digital Skills in the Member States



Digital Skills of the Labour force



37% of the labour force
do not have basic digital skills

ICT specialist jobs now 3.7%
of total employment



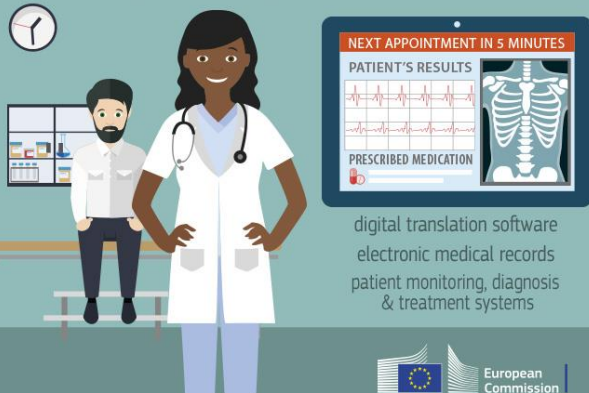
At least 350,000 **vacancies for ICT specialists**



40% of companies trying to recruit ICT specialists face difficulties in finding them

Digitisation is transforming the economy

Today's hospital doctors need digital skills



Benefits:

- facilitates communication between doctors & patients
- improves access to medical information
- allows doctors to save time and to treat more patients

Today's industrial machine operators need digital skills



Benefits:

- faster manufacturing & reduced errors
- less hard, manual, repetitive tasks
- manufacturing processes more sustainable.

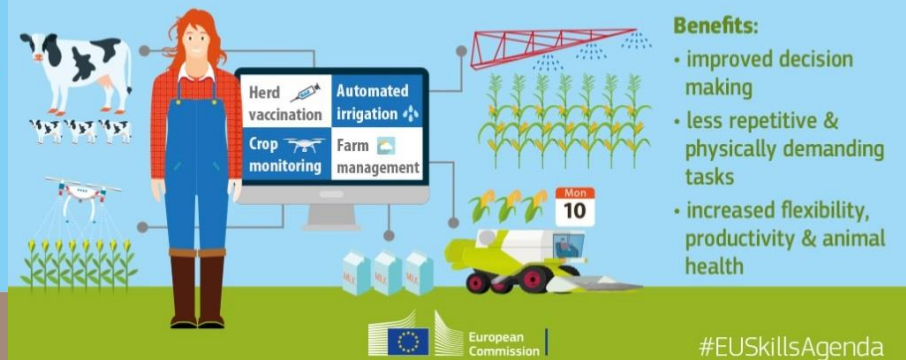
Today's VET teachers need digital skills



Benefits:

- improved communication between teachers & students
- improved quality of learning
- increased safety

Today's farmers need digital skills



Benefits:

- improved decision making
- less repetitive & physically demanding tasks
- increased flexibility, productivity & animal health

Role of the EU



Mobilise stakeholders to encourage the **workforce of all sectors** to become **digital**



Involve **Member States** in designing strategies, initiatives and mobilise national stakeholders



Best-practice exchange



Better use of **European and national funds** also through the support of pilot projects

Digital Skills and Jobs Coalition

- 1 of 10 key actions in [New Skills Agenda for Europe](#)
- **Multi-stakeholder partnership**
- **Take action** to tackle the lack of digital skills in Europe for four target areas.



Education



Labour force



ICT professionals



Citizens



Where are we?

- More than 260 **Members** and a Governing Board
- More than 70 “pledges”, concrete commitments to do something
- 7 million trainings delivered
- **17 National Coalitions**
- **Codeweek**
- **Conference: 7 December in Brussels with Cmnr Gabriel**

Digital Opportunity scheme

Students in **all domains** need to be **educated** in **digital skills**, **not just those** who choose an **ICT career**



pilot project to provide **cross-border traineeships** for up to **6,000 students and recent graduates** in 2018-2020

ICT specialist skills

Digital skills for
business



On-the-job training

Students and recent graduates from all faculties

Cross-border traineeships

Implemented through Erasmus +

**Budget EUR 10M
Horizon 2020**

Online platforms to advertise offers



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An overhead, top-down view of an office environment. Several people are seated at long white desks, working on computers. The desks are cluttered with various office supplies, including keyboards, mice, papers, and monitors. The office has a modern, professional feel with wooden accents and a neutral color palette.

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